INTERNATIONAL SEARCH REPORT

Int mail Application No Pull GB2004/004245

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F02M61/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - F02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUM	NTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	1-4,6, 8-12 1-4,6, 10-12	
Х	US 6 427 932 B1 (DANCKERT BERND ET AL) 6 August 2002 (2002-08-06) column 5, line 53 - column 6, line 18; figures 1,5		
X	DE 100 00 501 A (BOSCH GMBH ROBERT) 19 July 2001 (2001-07-19) column 2, line 13 - column 3, line 53; figures 1-3		
X	DE 101 22 503 A (BOSCH GMBH ROBERT) 21 November 2002 (2002-11-21) paragraph '0012! - paragraph '0023!; figure 1	1-4,6, 10-12	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.	
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international fiting date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the International fiting date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. *X* document of particular relevance; the ctaimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. *Y* document of particular relevance; the ctaimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 	
Date of the actual completion of the international search 21 December 2004	Date of mailing of the international search report 07/01/2005	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tet. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Godrie, P	

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in anal Application No
PC1/GB2004/004245

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Delouget to plain No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/01065 A (BOSCH GMBH ROBERT; HOCKENBERGER AXEL (DE)) 3 January 2002 (2002-01-03) page 4 - page 7; figures 1,2	1,2,4,5, 8,10-12
X	WO 02/36961 A (HOFMANN THOMAS ;PERRAS ALWIN (DE); SIEMENS AG (DE); YALCIN HAKAN () 10 May 2002 (2002-05-10) page 2, line 28 - page 7; figures 1,2	1-4,6, 9-12
X	US 6 565 017 B1 (FRANK WILHELM ET AL) 20 May 2003 (2003-05-20) column 5, line 12 - line 50; figure 4	1-5,8-12
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INTERNATIONAL SEARCH REPORT

In anal Application No
FUI/GB2004/004245

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6427932 B1	06-08-2002	DE DE WO EP	19820513 A1 59902943 D1 9958844 A1 1076772 A1	11-11-1999 07-11-2002 18-11-1999 21-02-2001
DE 10000501 A	19-07-2001 ·	DE WO EP JP PL US	10000501 A1 0151804 A2 1181445 A2 2003519756 T 350824 A1 2003057298 A1	19-07-2001 19-07-2001 27-02-2002 24-06-2003 10-02-2003 27-03-2003
DE 10122503 A	21-11-2002	DE CN WO EP JP PL US	10122503 A1 1462342 T 02090761 A1 1387950 A1 2004519604 T 358462 A1 2004056118 A1	21-11-2002 17-12-2003 14-11-2002 11-02-2004 02-07-2004 09-08-2004 25-03-2004
WO 0201065 A	03-01-2002	DE BR CN WO EP JP PL US	10031265 A1 0106897 A 1383470 T 0201065 A1 1297252 A1 2004502074 T 352573 A1 2002162906 A1	10-01-2002 30-04-2002 04-12-2002 03-01-2002 02-04-2003 22-01-2004 25-08-2003 07-11-2002
WO 0236961 A	10-05-2002	DE WO EP US	10054183 A1 0236961 A1 1332283 A1 2003213459 A1	29-05-2002 10-05-2002 06-08-2003 20-11-2003
US 6565017 B	1 20-05-2003	DE FR	19931891 A1 2796103 A1	18-01-2001 12-01-2001